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Bolton et al.

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(54) **ELECTRONIC VOTING SYSTEM AND
METHOD WITH VOTER VERIFIABLE
REAL-TIME AUDIT LOG**

4,010,353 A 3/1977 Moldovan et al.

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(Continued)

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(Continued)

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DRAFT 2—State of California Standards for “Voter Verified Paper
Audit Trail”, created Jan. 13, 2004.

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(Continued)

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(51) **Int. Cl.**
G06K 17/00 (2006.01)

(52) **U.S. Cl.** **235/386**; 235/51; 235/462.01;
705/12

(57) **ABSTRACT**

(58) **Field of Classification Search** 235/386,
235/51, 57; 705/12
See application file for complete search history.

A voting system and method with a voter verifiable real-time
audit log is disclosed. The voting system includes at least one
voting terminal operable to record a plurality of poll worker
actions and a plurality of voter actions taken at the voting
terminal. The voting system also includes at least one printer
connected to the voting terminal that is operable to print the
poll worker actions and the voter actions on a continuous
paper roll so as to create a printed audit log in real-time as the
poll worker actions and the voter actions are taken at the
voting terminal. Preferably, the paper roll is secured within a
locked housing such that the audit log is inaccessible to a
voter using the voting terminal. The locked housing includes
a display window that enables the voter to review a portion of
the audit log associated with the voter in order to verify the
voter actions printed on the paper roll.

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42 Claims, 7 Drawing Sheets

